



Material Safety Data Sheet

Section 1 - Product Information

Product Name: **#300B Thinner**

Manufacturer : Qualitek International, Inc.
315 Fairbank Street
Addison, IL 60101, USA

Emergency Telephone Number: 1-800-535-5053
Information Telephone Number: 1-630-628-8083
Fax Number: 1-630-628-6543

Date Prepared: June 8, 2000
Supercedes: April 15, 1996

Section 2 - Hazardous Ingredients

<u>Chemical Common Name(s)</u>	<u>OSHA PEL</u>	<u>ACGHIH TLV</u>	<u>Wt. %</u>	<u>CAS #</u>
<u>Hazardous</u>				
Ethanol	1000 ppm	1000 ppm	<50	64-17-5
2-Propanol	400 ppm	400 ppm	<20	67-63-8
1-Propanol	200 ppm	200 ppm	<20	71-23-8
Methanol	200 ppm	200 ppm	<5	67-56-1

Hazard Rating Systems

HMIS: Health: 2 Flammability: 3 Reactivity: 1 Personal Protection: C

No other Hazardous ingredients exceed 1%. Other ingredients are not considered hazardous according to 29 CFR 1910.1200

Section 3 - Physical and Chemical Characteristics

Boiling Point: (760mm Hg):174°F(79°C)

Vapor Pressure (mm Hg): 30@68°F

Vapor Density (AIR=1): >1.00

Solubility in Water: Partial

Appearance and Odor: Clear, colorless; liquid with alcohol odor

Specific Gravity (H₂O =1 @24°C):0.795+/- .006

Melting Point: N/A

Evaporation Rate(Butyl Acetate=1): <2.50

Reactivity in Water: None

Section 4 - Fire and Explosion Data

Flash Point: 53°F

Auto Ignition Temperature: N/D

Flammable Limits in Air % by Volume:

LEL Lower: N/D

UEL Upper: N/D

Extinguisher Media: Carbon Dioxide, Dry Chemical or Alcohol Foam

Special Fire Fighting Procedures: SCBA with full face piece and protective clothing is recommended.

Unusual Fire and Explosion Hazards: Closed container may explode when exposed to extreme heat.

Section 5 - Reactivity Data

Stability: Stable Unstable

Incompatibility (Materials to Avoid): Strong Oxidizers

Hazardous Decomposition or Byproducts: May release toxic vapor/gases such as Carbon Monoxide, Carbon Dioxide

Hazardous Polymerization: May Occur Will not Occur Conditions to Avoid:

N/A

Section 6 - Health Hazards

Acute (Severe Short Term) Health Hazards:

Inhalation of fumes or ingestion may cause headache, nausea, muscular pain, irritation of eye and nose may result from contact with soldering fumes.

Chronic (Long Term) Health Hazards:

Anemia, insomnia, weakness, constipation and abdominal pains due to ingestion, skin rash, damage to mucous membranes due to skin exposure and inhalation.

Signs and Symptoms of Exposure: Irritation of pulmonary system, skin rash

Medical Conditions Generally Aggravated by Exposure: Pre-existing conditions of the lungs, diseases of the blood and blood forming organs; kidneys, nerves and possibly reproductive systems.

Chemical Listed as Carcinogen: None according to NTP, IARC, and OSHA.

Emergency and First Aid Procedures: Perform the following First Aid Procedures; consult a Physician and get proper medical attention when necessary, in case of contact with smoke from soldering or repeated skin contact.

Eye Contact: Flush eyes with plenty of water for 15 minutes.

Skin Contact: Wash thoroughly with soap and water; use lotion to prevent dryness.

Inhalation: Remove person to fresh air

Ingestion: Drink a lot of water, do not induce vomiting and get proper medical attention

Section 7 - Special Precautions and Spill/Leak Procedures

Handling and Storage: Do not store or use near spark or flame. Keep containers closed tightly and upright to prevent leakage.

If Material is Released or Spilled: Small spills should be cleaned up with absorbent; large spills should be collected for disposal.

Water Disposal Methods: Disposal in accordance with Federal, State and local regulations.

Other Precautions: Avoid repeated or prolonged breathing of vapor or skin contact.

Section 8 - Special Protection Information / Control Measures

Respiratory Protection: Usually not required. When ventilation is not adequate to remove smoke (during soldering) from breathing zone a cartridge type respirator is needed.

Ventilation & Local Exhaust: As required keep PEL & TLV below the limit

Protective Gloves: Neoprene or rubber

Eye Protection: Splash guard goggles.

Other Protective Equipment: Not required.

Work / Hygienic Practices: Wash hands after handling product, avoid prolonged or repeated contact with skin or breathing of vapors.

Section 9 - Other Regulatory Information

TSCA: Subject chemical substance(s) and ingredient(s) are all listed on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

SARA TITLE III: Section 311/312 - This product is classified into the following hazard categories: Immediate Health, Delayed Health, Fire. Section 313 - This product is not subject to the Community Right-To-Know reporting requirements.

DOT: DOT Proper Shipping Name - Flammable Liquids, n.o.s. (contains Ethanol) 3, UN 1993, II

California Proposition 65: This product, when used for soldering and similar applications produces chemicals known to some states to cause birth defects or other reproductive harm.

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